DXpedition News

Comoros - D60 **D68KN, D68TS, D68YD** and **D68YH** are the callsigns of the Japanese DXpedition to Comoros Islands (AF-07) March 8-12, and again Mar. 18-21. Operators are Kazyuki Nakata JG4CLV, Takeshi Suzaki, Yuji Doi JO3VUZ, and Yoji Hashimoto. Operations will be on 160-6 meters, CW, SSB, and RTTY. Listen on the usual DX frequencies, and 1815 kHz on 160 meters. QSL to JL3UIX. Sunrise 0310Z; sunset 1515Z.

Mayotte - FH The same operators will be active **FH/** Mar. 13-18 from Mayotte (AF-27). Same bands, modes, and QSL route. Sunrise 0306Z; sunset 1510Z.

Nepal - 9N K0TLM, AJ0E, and VS6WV plan an operation from Nepal Mar. 21-27, CW and SSB, on the usual DX frequencies. These DXers will operate **VS6WV** as a multi-single entry in the WPX SSB test Mar. 30-31.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Auckland & Campbell Islands - ZL9 **ZL9DX** came on the air from Enderby Island (OC-74) Mar. 4, and will be active until Mar. 10, weather permitting. Try 3795, 7085, 14195, 21295, and 28495 kHz on SSB, and 3050, 7005, 14025, 21025, and 28025 kHz on CW, listening up 5-10 kHz. (These are the 'usual DX frequencies.') They will not acknowledge 'portable' callsigns when operating by call district. QSL to JH4RHF, with SAE and US$1, please. (This is a correction on info published in the last issue.) Sunrise 1830Z; sunset 0720Z. Operators are Junichi JH4RHF, Kumiko JR4DUW, Rick ZL1OK, Ted ZL1AVC, and Kerry ZL2TPY.

Andorra - C30 Members of the HB9MM club will be active **C30/** May 10-20, on 160-UHF, including the new bands, and satellites. CW and SSB, on the usual DX frequencies. QSL to HB9MM.

March 8, 1991 **Issue 578**

Reserve Your Island - WPX SSB

- **9H3NU** (EU-23) will be active Mar. 20-Apr. 3 on SSB 160-10 meters, including a 10-meter, single-band entry in the WPX test. Operator, and QSL route, is Al Neilson G4CVZ.
- **AH0K** (OC-86) will be a multi-single entry in the Test, with new-band and CW operation outside the test. Operators are JA6LDD, JK2CZL, and JA2YKA. QSL to Takeshi Hayashi JE2JCV, Morita Fushimi-ryo 502, 707-2 Shinnaka-cho, Fushimi-ku, Kyoto 612 Japan.
- **A42A** is a multi-single operation by A41JT and A41JV, including operation outside the Test. QSL to club station A47RS. (**IDX.**)
- **FX0U** is the French call of F6DZU in the WPX Test. (He used **FU0U** in the ARRL test.)

Shortly Noted

- **T31AF**, who has been very active on 28010 kHz 23-0100Z, says to QSL to DL2MDZ, not via the call given in Issue 577. The duration of Karl's Canton Island (OC-43) operation depends on transportation, but he should be active for a few weeks.
- **ET2A** has been logged on 15-meter SSB 18-2000Z. Try 21250-300 kHz. Also, try 10 meters at 1100Z. QSL to WB2WOW.
- **TJ1BJ** is often on 75 meters Saturdays at 0500Z; try 3675 or 3795 kHz. On Saturdays and Mondays, try 21303 kHz at 1230Z. QSL to K4UTE. Thanks W1AW.
- **FT4WC** on Crozet (AF-08) is active Fridays on 14155 kHz at 1700Z, and 14160 or 14260 kHz at 2000Z. Also try Sundays on 14143 kHz at 2100Z. (Thanks DXNS.)
- **N7HWW/KC6** will be active from Belau (OC-09) (ex-Western Caroline Islands) for a few weeks. (DXNS.)
- **F2JD** is back in France after his South American activity. He heads for Togo 5V soon, where he expects to operate until the end of the year. (LNDX.)
- **9J2CF** is the call of Charles 'Frosty' Frost in Zambia. He frequents 10 meters 15-1700Z, and 3799 kHz 03-0400Z. QSL to 2911 Camelot Lane, Missouri City TX 77495.
- **SSB Net** check-ins: **14165 kHz**: XW8KPL; 14222: VP8CEX ET2A TJ1YL TL8MB ST0DX; 14227: VK0KC (Antarctica) ZS8MI JT1KAA HZ1JN VQ9KW; **14250**: JY3ZH; **14256**: 3A2LU TA1AR C31ND; **21335**: 9J2BO AP2JZB D44DS 8R1RBF 7Q7RM C31LHK Z21HD 3B9FR UI8ZAA 4S7EF.
- **RTTY** report: Active stations: **UF6FJ** 14086 0515Z; **A35SA** 14081 0540Z; **VP2EE** 21085 2145Z; **UG6GG** 28097 1540Z; **VQ9RB** 28088 1700Z; **CN8BX** 24084 1720Z; **9J2BO** 28085 1000Z; **3B9FR** 28087 1015Z; **TY1PS** 28084 1345Z; **FR4FR** 21072 1700Z; **4K2OIL** 21091 1930Z; **KG4GO** 21083 0145Z; **9K2DZ** 21076 ARQ 0920Z; **OX3EW** 14084 2340Z.
- **Islands On The Air: FG4GL** and **FG5BG** will operate from Les Saintes Island (NA-114) March 9, on the IOTA frequencies of 14260, 21260, and 28460 kHz, and on 7060 kHz. QSL to FG4BG. **VE1SEA** in the Grand Manan group (NA-10) monitors 28593 kHz at 20-2200Z. QSL to Bill, RR1, Freeport, Long Island, NS Canada B0V 1B0. **JA2NQG/1** will operate from Oshima Island in the Izu Shichito group (AS-08) Mar. 20-22, mostly CW, with some SSB operation on the IOTA frequencies. QSL home call.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
March 1991			
08	High Normal	02/09 179 14/13 4	01/12 207 15/13 3
09	High Normal	02/10 175 08/07 1	01/13 197 14/11 3
10	High Normal	02/11 180 14/12 2	01/14 192 01/05 1
11	High Normal	02/12 185 15/12 2	01/15 190 07/09 2
12	High Normal	02/13 185 10/08 2	01/16 192 08/07 2
13	Above Normal	02/14 188 05/07 2	01/17 207 10/11 3
14	Above Normal	02/15 194 06/07 1	01/18 202 06/08 2
15	Above Normal	02/16 207 05/05 2	01/19 199 03/05 2
16	Above Normal	02/17 214 03/05 2	01/20 204 04/05 1
17	Above Normal	02/18 267 03/05 2	01/21 203 05/06 1
18	Above Normal	02/19 267 08/09 3	01/22 221 04/05 1
19	Above Normal	02/20 286 09/08 3	01/23 226 03/07 1
20	Above Normal	02/21 302 11/08 2	01/24 244 16/18 3
21	Above Normal	02/22 302 10/10 2	01/25 267 11/09 3

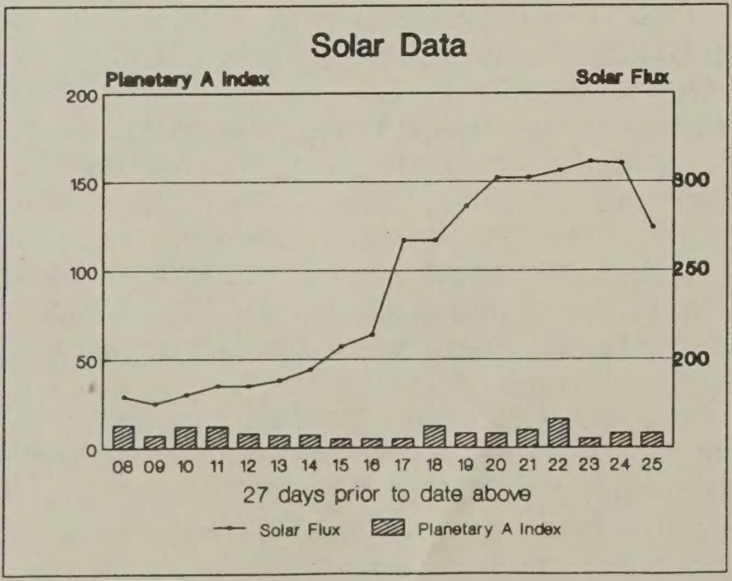
Propagation Watch

Band conditions continue to be excellent for DXing. As expected, solar flux levels dropped to about 200 from the 300+ peak of late February, but this is high enough to provide extended 10-meter openings, and even some F2 openings on 6 meters.

Solar activity will rise again over the next two weeks, with the peak in late March, just in time for the CQ WPX SSB test March 30-31. It is unlikely that flux levels will exceed 300 for the third month in a row, but even a peak in the 250 range will provide excellent DX openings on the high bands. (Of course, I was wrong last month!)

In addition to the usual, daytime openings on 10-15 meters, look for long-path openings an hour or more after local sunset. During the ARRL SSB test, 15-meter signals were workable on all-darkness paths.

The very active sunspot regions that pushed the flux above 300 two months in a row rotate around in our direction soon. While the increase in flux is most welcome, especially be 6-meter enthusiasts, these more-active regions also increase the chances of major flares which can cause shortwave fading and disturb the geomagnetic field. DXers have been very fortunate for the past several months that the very high levels of solar activity have not been accompanied by major flares. Our luck can't hold forever, so make the most of the good conditions while they prevail.



Yasme Report

Dear Friends:

We finished a six-month DXpedition in Africa today, Feb. 17. All of our operations on this trip were from rare countries. To summarize: **5H0QL** from Dar-es-Salaam, Tanzania which has about three active amateurs in the country; **7Q7KG** from Malawi, which had no active amateurs until shortly before our arrival; **C9QL** from Mozambique, which has had no fully licensed amateurs for 15 years before our arrival; **ZS9/W6KG** from Walvis Bay, which has only two active amateur stations; and **9U5QL** from Burundi, which has not had any active stations for several years before our arrival.

We made several side trips to countries where either time, fighting, or non-availability of licenses prevented operation. There were the Congo, Zaire, Rwanda, and Uganda.

All this made us very much wanted by hams worldwide. The pile-ups were enormous, but we enjoyed them and have learned, on both phone and CW, to copy stations with many others calling on top of them.

We made a total of nearly 40,000 QSOs and our half-year operation was a great success. Our total countries visited now totals 218. We qualified for DXCC in more than half of these countries.

(s) Lloyd W6KG and Iris W6QL Colvin

Ireland Activity Day

The Irish Transmitters Society (IRTS) is promoting a special activity day on Sunday, March 17, 1991 (St. Patrick's Day). The purpose of the Day is to get as many Ireland counties on the air as possible, to help amateurs achieve the Worked EI Award (WEIA). The WEIA is issued by the IRTS to licensed amateurs worldwide who have worked EI or EJ stations located in at least 20 of the 26 counties of Ireland. There are additional endorsements for working all 26 counties, and for individual bands and modes. The award is also available to SWLs on a 'heard' basis. Detailed information on the WEIA and on membership in the IRTS is available from IRTS, P.O.Box 462, Dublin 9, Ireland, or from Joe Duffin W2ORA, 4 Central Avenue, Moorestown NJ 08057. (SASE, please.)

Norfolk Island Ham Radio Stamps

The Philatelic Bureau of Norfolk Island is issuing a series of three ham radio postage stamps on April 9th. The stamps feature maps of Norfolk Island, superimposed on a list of callsigns of Norfolk Island hams. The stamps carry values of 43¢, $1, and $1.20. DXers may order sets of all three stamps for $2.63, and a First Day Cover for $2.83, in Australian currency. The Bureau also accepts Visa and Mastercard. Send your order with payment to Philatelic Bureau, Norfolk Island, South Pacific 2899, Australia.

DXCC Backlog Report

Chuck Hutchinson K8CH reports that the DXCC backlog has been reduced to only half of what is was at the start of the project in October. The total fell by 107 in the week ending Feb. 24 to 2,661 pending entries. On Feb. 25, the DXCC desk was processing new applications received Jan. 25, 1991, and endorsements received Aug. 31, 1990.

S	M	T	W	T	F	S
17	18	19	20	21	22	23
24	25	26	27	28	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23

BANDPASS

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.*

RTTY

4K2OIL	14085	1422	24	LA
9M2FO	21087	0145	24	LA
A35SA	21087	0718	21	LA
HI8BG	14086	0002	2	FL
KG4CO	21085	0011	25	PA
OX3EW	14084	0222	27	PA
TY1PS	28083	1414	24	PA
TZ6VV	21085	0018	22	LA
UC2OCJ	28088	1525	24	PA
VK9NS	14085	0015	20	LA
VP2EE	21085	2222	24	PA
VP5VDV	14090	0252	1	PA
VQ9RB	28085	1747	23	LA

160 Meters

J6LTA	1833	0404	27	PA
V73AZ	1820	0704	24	WA
ZS4PB	1838	0413	22	WA

80 Meters

9V1YC	3504	1435	23	AZ
A41JZ	3501	0235	21	NH
FK8FU	3503	1155	18	NH
KH6CF	3504	1019	25	NH
UA0FM	3503	1100	21	NH
UM8MDX	3508	0040	20	NH
VK6BN	3507	1140	21	NH

75 Meters

5N0ETP	3795	2253	21	WV
5V7SA	3799	2258	21	WV
EA6AAX	3799	0229	18	MA
FP5DX	3797	1045	22	WV
H44AP	3797	1051	22	WV

40 Meters

3DA0BK	7005	0326	25	TX
7X2AB	7004	2300	24	SC
9V1YC	7008	1427	20	CO
BV2TA	7004	1322	24	TX
EK0RR	7009	0000	1	FL
FK8FU	7007	1200	23	NH
SV9BAI	7003	2225	25	VA
UC1AWK	7005	0118	22	MI
VU2ITT	7008	1308	25	MN
ZD8VJ	7002	2137	23	NH

30 Meters

3B8CF	10105	0246	23	NY
BV2FA	10104	2305	26	FL
FH5EJ	10105	2216	25	FL
FO0IGS	10103	0445	25	SC
HF0POL	10109	0048	25	VA
RD850DZ	10106	0247	2	FL
UM8MBA	10103	0044	26	FL
V31SW	10105	0114	26	VA
VK6HD	10104	2234	20	NH
YL2DX	10106	2305	18	NH
ZS6QU	10106	0355	26	OH

20 Meter CW

3C1EA	14015	0624	21	CA
4K1F	14012	1950	28	CA
4K2BDU	14011	0200	27	GA
4S7CF	14004	0030	25	CA
4S7EA	14010	0017	21	GA
4S7NE	14004	0120	23	CA
4S7WP	14002	2205	25	FL
7Z1AB	14010	0304	2	FL
9V1JY	14004	1053	1	GA
A22GH	14005	1916	19	NH
CE0ZIG	14015	0314	20	IL
FK8FS	14021	0648	18	NC
FR5DD	14020	0237	22	CA
J28NU	14023	0346	21	IL
JT1CS	14042	0142	20	CA
JT1KAA	14012	0147	22	CT
JT2AB	14007	1100	22	MI
OY1CT	14019	0152	1	GA
RI8AI	14013	1227	20	VA
UD850DKW	14002	0316	2	FL
UH9YWA	14040	0343	22	CA
VU2JYL	14011	0035	2	FL
VU2TEC	14023	0215	25	GA
YN1CC	14002	0730	22	NH
YS1DRF	14022	0131	26	FL
ZD8VJ	14027	0116	28	FL
ZL5/OE8NOK	14012	1115	18	NB
	Antarctica			

20 Meter SSB

4S7EF	14160	2322	19	NY
5N8ZHN	14243	0451	27	MN
7Z1AB	14160	2252	18	FL
9N1MM	14253	0059	23	CT
A41KR	14213	0213	26	VA
FT4YD	14162	1121	24	PA
FT4YD	14160	2333	22	CA
JT7AA	14179	0247	23	CT
KC4USV	14240	0613	23	CA
RJ0J	14202	1655	19	NS
TA5L	14205	0020	20	WV
TJ1BJ	14260	0617	23	CA
TL8MB	14165	0540	24	AZ
UH8EA	14196	0321	20	IL
UI8ZAA	14215	0240	25	CA
UL7DA	14197	0242	18	MA
VP8CFQ	14160	0326	24	CA
VQ9AB	14234	0128	28	GA

17 Meter CW

4K2OIL	18075	1608	18	SC
7X2CR	18075	1920	24	SC
EA8BTO	18078	0046	27	FL
JT1BH	18074	0333	27	PA
OY1CT	18068	0343	27	PA
ZP6XDW	18072	0258	2	FL

17 Meter SSB

CN8NS	18134	2329	22	NY
FOOIGS	18128	0342	16	NY
HF0POL	18151	0135	21	NY
VP8AWU	18144	0013	23	NJ
XQ0X	18130	0413	20	CA

15 Meter CW

3A2LF	21035	1900	19	IL
3B9FR	21029	1900	23	GA
3D2WZ	21010	0327	21	NY
4K2BDU	21019	1720	25	MI
5N0SKO	21018	0042	23	NY
7X2CR	21002	1303	28	GA
9J2HN	21023	2127	18	CT
9X5HG	21059	0110	17	OH
A22AA	21036	1906	20	OH
BV2TA	21029	1258	20	VA
FR5DD	21028	1905	23	GA
HK0PPY	21012	2324	27	FL
JT1CD	21007	0118	18	NC
PZ1DV	21019	1128	1	GA
ST2/PA0GAM	21025	2106	18	NH
TA2DA	21019	1625	24	CA
UA8TAA	21013	0158	23	AZ
UH9YWA	21013	0524	27	CA
UJ8JCQ	21008	0218	19	NC
UL7GW	21010	0355	20	CA
UL7JGX	21029	0321	22	GA
US0UT	21014	2345	20	GA
VQ9AB	21007	1935	24	GA
VU2SU	21015	1656	25	CA
VU2TS	21005	1807	20	VA
ZD8LII	21025	1908	24	CA

15 Meter SSB

9X5NH	21294	0223	26	VA
CE0ZTY	21286	0147	25	VA
CN8NS	21271	0328	26	GA
ET2A	21241	1815	18	CA
FO0IGS	21297	0229	26	VA
FR5DX	21230	2130	23	CO
T77T	21305	2000	25	CA
TR8JWH	21248	2021	24	CT
UH8AAQ	21273	0435	26	CA
UI8GBK	21273	0400	23	CA
UI8GF	21266	0442	27	CA
V85CJ	21256	0450	27	CA
VP8CEN *	21240	0235	22	VA
VP8CEX	21290	0222	24	WV
VS6AK	21269	1519	24	CT
VU2TTC	21256	1730	18	NC

12 Meters

3C1EA	24939	1640	18	NS
4K2OIL	24900	2337	14	NS
5V7DP	24969	1648	18	NS
8R1J	24902	2134	24	FL
9J2WS	24980	2019	20	NY
9L1US	24935	0138	19	CA
9X5NH	24945	2147	21	NY
A22AA	24901	1203	18	NS
A41JV	24905	1550	23	AZ
A71AL	24982	1813	19	NS
A92BE	24950	1508	20	ON
CN8NS	24955	1807	19	NS
FH5EJ	24900	1635	18	SC
FO0IGS	24940	1923	16	NY
HF0POL	24977	1916	17	MA
J6LTA	24897	1350	26	OH
OY3QN	24891	1417	26	OH
RV0YF	24903	0140	26	VA
SV0DV/9	24895	1652	18	SC
SV9ADH	24898	1801	23	CA
UG6LQ	24955	1622	24	MA
V51KC	24954	2152	21	NY
VQ9TB	24897	1600	23	AZ
XQ0X	24955	2152	20	NC
YN/SM0OIG	24896	1534	24	FL
Z21CS	24965	1957	17	MA
ZD8VJ	24905	2317	25	VA

10 Meter CW

7S3OWG	28028	1425	24	GA
9M6SF	28009	0035	22	PA
A22GH	28002	1625	21	VA
BV2DA	28010	2301	27	FL
BV4AO	28012	0042	28	FL
BY4RB	28019	0050	26	VA
C30ERA	28008	1315	28	GA
CE0FFD	28010	1828	22	NH
FH5EJ	28018	1425	22	NH
HS0AC	28019	0240	22	CA
HZ1HZ	28015	2132	24	NH
J28NU	28016	1145	26	GA
JT1KAA	28020	0333	19	CO
JX7DFA	28012	1405	28	GA
KH2D	28003	2340	23	PA
OX3XR	28032	2200	24	SC
PZ1DY	28019	1558	18	NC
RL8PYL	28083	1500	24	PA
T31AF	28003	2300	27	FL
TA3D	28011	1727	24	KS
TU2MA	21008	0101	28	FL
UL7GM	28021	0350	19	CA
UL7JW	28018	0230	24	CA
VU2RMS	28008	1234	21	VA
VU2TS	28013	1307	20	IL
Z21HI	28013	1454	26	MN
ZD8LII	28009	2340	28	FL

10 Meter SSB

4S7EA	28495	1145	23	ME
5N8ZHN	28635	1524	24	MD
5Z4FM	28485	1856	24	MA
6W6JX	28483	0020	24	NJ
9J2BO	28388	1210	24	ME
9J2FR	28434	1155	24	NJ
9M6HF	28495	0030	19	VA
9X5NH	28530	1950	21	CA
A22AA	28467	1637	26	MN
A22JP	28490	1746	23	CA
A92EV	28542	1523	18	CO
A92FL	28498	1750	22	CA
AH9AC	28455	0245	24	CA
CE0ZIG	28325	2215	24	CT
CE0ZTY	28498	2350	21	ME
EA8BTA	28503	1354	23	WV
EA9IB	28490	1850	24	VA
EA9TL	28479	1138	1	GA
FR5DX	28524	1050	23	NJ
J28NU	28510	1548	22	CA
JT1BG	28475	0150	19	CA
JW9VDA	28496	1231	20	ME
JY5FG	28365	1305	23	NJ
KH3/NH6YG	28490	0150	24	CA
OD5SK	28539	1347	16	ON
P29NRJ	28572	0115	24	CA
PY0FF	28468	0200	24	CA
PZ1DY	28491	0044	27	ID
RG6GCF	28543	1220	22	NJ
TA3F	28571	1542	20	CA
TL8MB	28526	1052	23	NJ
TY2LS	28495	0017	27	ID
TZ6VV	28427	1240	23	NJ
UL7CC	28455	1302	24	ME
UM8QDX	28444	0340	19	CA
V63AO	28502	0155	23	CA
V73AZ	28421	2219	24	CT
VK9ND	28486	0000	22	PA
VK9NS	28482	2211	23	ME
VU2DK	28528	1515	24	CA
XU8DX	28550	0145	24	CA
YJ8RN	28455	2340	23	ME
ZC4MK	28492	1410	18	CO

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Issue 578 - March 8, 1991

Current and Future DXpeditions

(Changes and hot info in **boldface.**)

DXCC Country	Prefix	Callsign	Dates	Issue
Andorra	**C3**	**C30/**	**May 10-20**	**I578**
Ascension	ZD8	ZD8VJ	Jan. 14-June	I568
Auckland & Campbell	**ZL9**	**ZL9DX**	**Now-Mar. 10**	**I578**
Bangladesh	**S2**	**by VK9NS**	**Mar. 10-24**	**I576**
British Virgin I	**VP2V**	**by Bay Area DXers**	**Mar. 9-16**	**I577**
Central Kiribati	**T31**	**T31AF**	**Now-Apr.**	**I576**
Christmas Island	VK9	by JAs	April 2-9	I575
Comoros	**D68**	**KN TS YD YH**	**Mar. 8-12, 18-21**	**I578**
Ethiopia	**ET**	**ET2A**	**to early April**	**I577**
Fiji	**3D**	**3D2QB**	**Now-May 1**	**I569**
Greenland	**OX**	**OX3EW**	**to Mar. 31**	**I577**
Grenada	**J3**	**J37XC**	**Now-Mar. 31**	**I565**
Malta	**9H**	**9H3NU**	**Mar. 20-Apr. 3**	**I578**
Malyj Vysotskij	4J		in early 1991	I567
Mariana Islands	**KH0**	**AH0K**	**late March**	**I578**
Mayotte	**FH**	**by JAs**	**Mar. 13-18**	**I578**
Navassa	KP1	W5IJU/KP1	late March	I567
Nepal	**9N**		**Mar. 21-27**	**I578**
St. Lucia	**J6**	**J6LTA, J6LSW**	**Now-Mar.**	**I573**
San Felix	**CE0**	**XQ0X**	**Now SSB only**	**I563**
Southern Sudan	**ST0**	**ST0DX**	**Now-one year**	**I573**
Zone 2	**VE2**	**JH1ROJ/VE2**	**Mar. 21-24**	**I577**

Operating Events and DX Gatherings

Dates	Event	Reference:
Mar. 16-17	Bermuda Contest	Mar. 1991 DX Mag.
Mar. 16-17	Union of Clubs Test	Mar. 1991 DX Mag.
Mar. 16-18	BARTG Spring RTTY Test	I576
Mar. 30-31	CQ WPX SSB Test	CQ
April 12-24	Visalia International DX Conv.	I571
April 26-28	Dayton Hamvention ®	

Contributors

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Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
■ **Antarctica**	ZL5/OE8NOK	14012	1115Z
■ **Antarctica**	FT4YD	14165±	1120Z
■ **Ascension Island**	ZD8VJ	7002	2130Z
■ **Ascension Island**	ZD8LII	21022±	1900Z
■ **Botswana**	A22AA	28500±	1640Z
■ **Cameroon**	TJ1BJ	3675/3795	05Z Sun.
■ **Ceuta & Melilla**	EA9IB	28475±	1850Z
■ **Ceuta & Melilla**	EA9TL	28470±	1130Z
■ **Chagos**	VQ9TB	17M	1600Z
■ **China**	BY4RB	28020	0100Z
■ **Crozet**	FT4WC	14155	1700Z Fri.
■ **Easter Island**	CE0FFD	28010	1830Z
■ **Faroe Islands**	OY3QN	24900±	1400Z
■ **Gabon**	TR8JWH	21245	2000Z
■ **India**	VU2RX	24970±	1300Z
■ **India**	VU2TEC	14020±	0215Z
■ **Marshall Islands**	V73AZ	28430±	22-0100Z
■ **Mauritius**	3B8CF	10105	0245Z
■ **Mayotte**	FH5EJ	24900	1630Z
■ **Mayotte**	FH5EJ	28017	1430Z
■ **Mongolia**	JT2AB	14008	1100Z
■ **Morocco**	CN8NS	18130±	2330Z
■ **Nepal**	9N1MM	14253	0100Z
■ **Rwanda**	9X5NH	21280±	0220Z
■ **Rwanda**	9X5HG	21055±	17, 01Z
■ **San Felix**	XQ0X	24950	2200Z
■ **Singapore**	9V1JY	20M CW	1100Z
■ **South Shetlands**	4K1F	14012	2000Z
■ **Sri Lanka**	4S7WP	20M CW	22-0100Z
■ **Sudan**	ST2/PA0GAM	15M CW	2100Z
■ **Taiwan**	BV2DA	28010	2300Z
■ **Taiwan**	BV2TA	10M CW	0130Z
■ **Zambia**	9J2CF	10M	15-1700Z
■ **Zone 29**	VK6HD	10103	2230Z